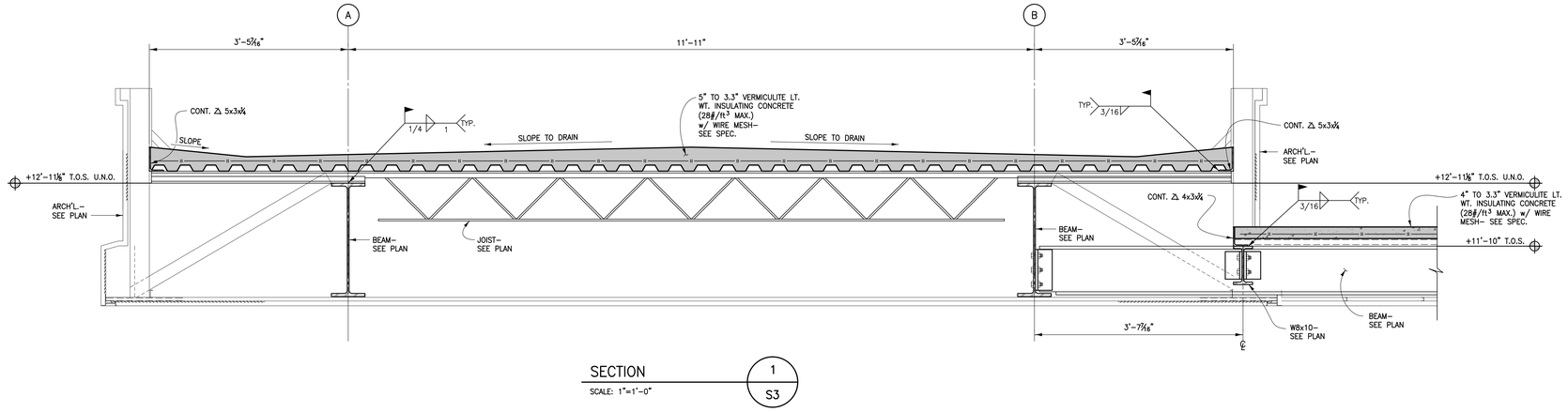

SECTION 1 / S3
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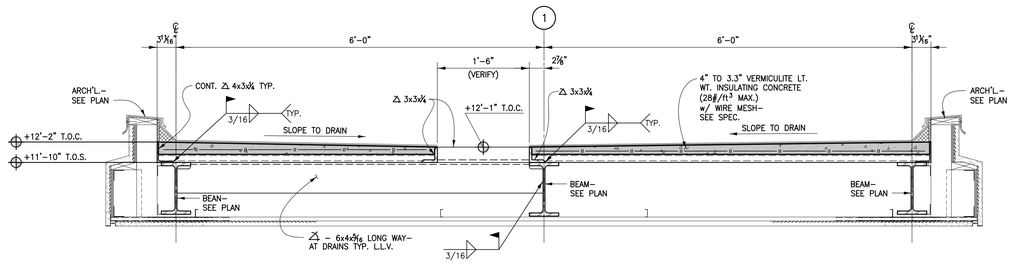

SECTION 3 / S3
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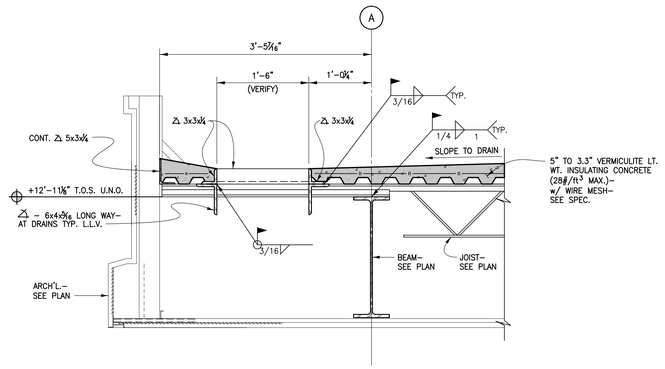

SECTION 2 / S3
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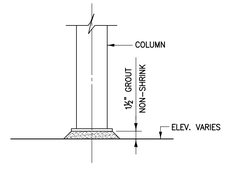


TYPICAL COLUMN ELEVATION

GENERAL NOTES:

GENERAL:

1. THE CONTRACTOR SHALL VERIFY FIELD DIMENSIONS AND CONDITIONS BEFORE CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR INCONSISTENCIES BEFORE PROCEEDING WITH THE WORK.
2. THE CONTRACTOR SHALL VERIFY LOCATIONS AND SIZES OF ALL OPENINGS IN ROOFS AND ALL INSERTS AND EMBEDDED ITEMS WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS BEFORE PLACING CONCRETE, INSTALLING METAL DECKING OR ERECTING ANY STRUCTURAL LOAD BEARING MATERIAL.
3. ADEQUATE TEMPORARY BRACING WILL BE REQUIRED OF ALL STRUCTURAL PIECES OR UNITS UNTIL ALL MASONRY WALLS AND/OR FLOOR OR ROOF DECKS ARE IN PLACE, AND ALL CONCRETE HAS BEEN PLACED AND GAINED ITS ULTIMATE STRENGTH.
4. IN CASE OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL VERIFY WITH ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
5. THE LATEST EDITION OF ACI, AISC, AWS, CRSI AND SJI SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.
6. STRUCTURAL DESIGN CRITERIA:

   ROOF LIVE LOAD – 20 PSF

   WIND LOAD – 120 MPH PER/ASCE 7-10
   SEISMIC LOAD – PER IBC 2006

FOUNDATION:

1. FOOTINGS SHALL BEAR A MINIMUM OF 2'-0" BELOW LOWEST ADJACENT FINISHED GRADE ON FIRM NATURAL SOIL OR COMPACTED STRUCTURAL FILL WITH A MINIMUM ALLOWABLE NET BEARING CAPACITY OF 2,000 PSF.
2. ALL SOIL USED AS FILL SHALL BE A NON-EXPANSIVE SANDY CLAY OR CLAYEY SAND WITH A MAXIMUM LIQUID LIMIT OF 40, PLASTICITY INDEX BETWEEN 5 AND 18 AND LESS THAN 40% PASSING THE #200 SIEVE. SAND CUSHION UNDER SLABS-ON-GRADE SHALL BE EITHER WELL-GRADED WASHED CONCRETE SAND OR PEA GRAVEL.
3. CONTRACTOR SHALL PROVIDE FOR DEWATERING AT EXCAVATIONS FROM EITHER SURFACE WATER OR SEEPAGE.
4. CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SHORING TO PREVENT CAVE-INS.

CONCRETE:

1. ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS.
2. CHAMFER ALL EXPOSED EDGES TO 3/4" UNLESS OTHERWISE NOTED.

   MAXIMUM AGGREGATE SHALL BE AS FOLLOWS:

   FOOTINGS, SLABS-ON-GRADE, STEPS ---------- 1"
3. ALL EXPOSED CONCRETE TO RECEIVE RUBBED FINISH UNLESS OTHERWISE NOTED.

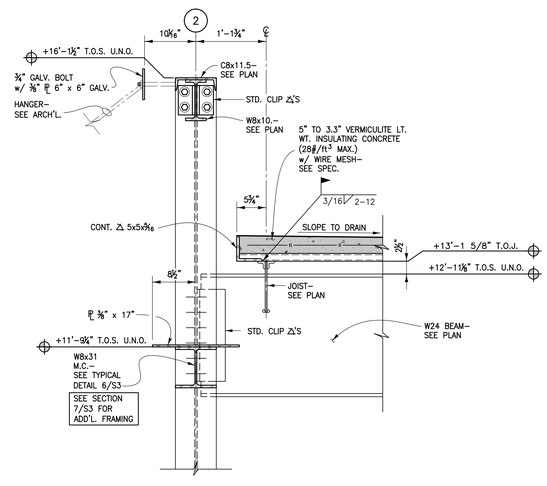
REINFORCING STEEL:

1. ALL REINFORCING STEEL SHALL BE NEW BILLET, ASTM A615 GRADE 60 DEFORMED DOMESTIC BARS. ALL DETAILING, FABRICATION, PLACING AND SUPPORTING SHALL BE IN ACCORDANCE WITH ACI 318 AND CRSI.
2. ALL DOWELS SHALL BE THE SAME SIZE AND SPACING AS ADJOINING MAIN BARS (MIN. LAP 30 BAR DIA.), UNLESS NOTED OR DETAILED OTHERWISE. THE MINIMUM SPLICE OF ALL CONTINUOUS BARS SHALL BE 40 BAR DIA. (2'-0" MIN.). PROVIDE OUTSIDE CORNER BARS IN ALL BEAMS, BARS SHALL BE SAME SIZE AS MAIN BEAM STEEL; LAP 30 BAR DIA.
3. CLEAR MINIMUM COVERAGE OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED.

   CONCRETE PLACED AGAINST EARTH ---------- 3"
   FORMED CONCRETE AGAINST EARTH ---------- 2"
4. ALL REINFORCING BARS, W.W.F., BOLTS, DOWELS, INSERTS, ETC., SHALL BE RIGIDLY SECURED IN POSITION PRIOR TO PLACING CONCRETE.
5. USE 6 x 6 – W1.4 X W1.4 W.W.F. IN ALL SIDEWALKS UNLESS OTHERWISE NOTED.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS – ALLOWABLE STRESS DESIGN." STEEL FOR WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A572 GRADE 50 OR ASTM A992, HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500 GRADE B, PIPES SHALL CONFORM TO ASTM A53 TYPE E OR S, ALL OTHER STRUCTURAL STEEL SHAPES AND PLATE SHALL CONFORM TO ASTM A36.
2. CONNECTIONS OF STRUCTURAL STEEL BEAMS TO COLUMNS AND BEAMS TO BEAMS SHALL BE BEARING TYPE WITH STANDARD CLIP ANGLES SELECTED TO SUPPORT 1/2 OF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE TABLES OF UNIFORM LOAD CONSTANTS, PART 2 OF THE AISC MANUAL, ALLOWABLE STRESS DESIGN, FOR THE GIVEN BEAM, SPAN AND GRADE OF STEEL SPECIFIED UNLESS NOTED OTHERWISE.
3. ALL WELDING SHALL CONFORM TO THE RECOMMENDATIONS OF THE AWS, AND ALL WELDS, INCLUDING FIELD, SHALL BE MADE ONLY BY CERTIFIED WELDERS USING E70XX ELECTRODES.
4. ALL STRUCTURAL BOLTS SHALL BE ASTM A325-N, BEARING TYPE (3/4" DIA. UNLESS NOTED OTHERWISE). ANCHOR BOLTS SHALL BE ASTM A307.
5. ALL ANCHOR BOLTS SHALL BE SET WITH TEMPLATES.
6. STEEL JOISTS SHALL BE DESIGNED, MANUFACTURED AND BRIDGED TO CONFORM WITH THE LATEST EDITION OF THE "STEEL JOIST INSTITUTE" STANDARD SPECIFICATIONS. PROVIDE RECOMMENDED CAMBER FOR JOIST SPAN.
7. ROOF DECKING SHALL BE 1-5/16", 22 GAUGE, GALVANIZED STEEL DECK VENTED. ATTACH ROOF DECK TO SUPPORTS WITH 5/8" PUDDLE WELDS AT 12" O.C. (36/4 FASTENER PATTERN). PROVIDE ONE (1) #10 TEK SCREW SIDE LAP FASTENER AT MIDSPAN OF DECK, TYPICAL UNLESS NOTED OTHERWISE. ATTACH ROOF DECK TO PERIMETER SUPPORTS WITH 5/8" PUDDLE WELDS AT 12" O.C. AT ROOF EDGES.



SECTION 4 / S3
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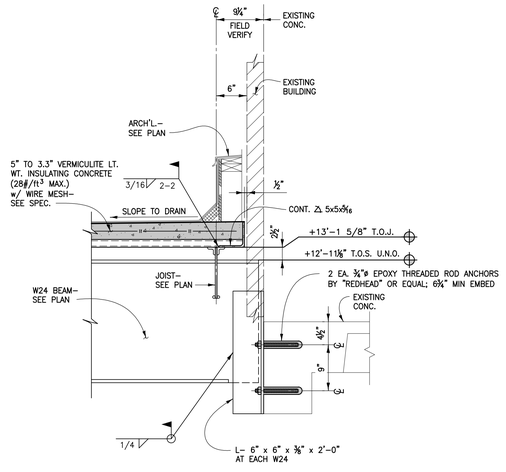

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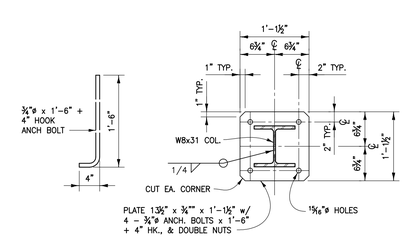
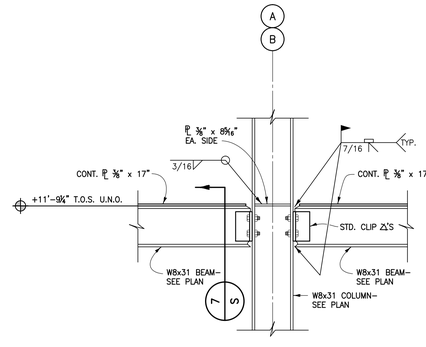


TYPICAL BASE PLATE DETAIL
W8x31 COLUMN
SCALE: 1"=1'-0"



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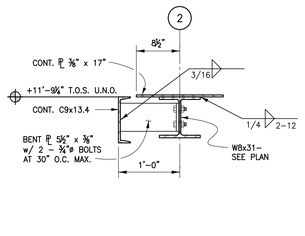

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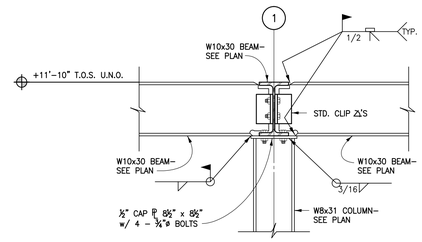

SECTION 8 / S3
SCALE: 1"=1'-0"

Revisions:	Date

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Drawing Title: FRAMING DETAILS & GENERAL NOTES

Approved: Project Director

Project Title: ADA COMPLIANT ACCESS FOR BUILDING 2

Location: VAMC; ALEXANDRIA, LA.

Date: AUGUST 2012 | Checked | Drawn: SAM

Project Number: 502-11-223

Building Number: 2

Drawing Number: S3

Dwg. 11 of 12

Office of Facilities Management

Department of Veterans Affairs

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